

II. CLAIM AMENDMENTS

1. (Currently Amended) A method for distributing a recreational application within a group of terminal arrangements, where the group comprises at least two terminal arrangements and each terminal arrangement comprises a terminal of a ~~cellular radiowireless network~~ system, the method comprising the steps of:

transmitting from a first terminal arrangement to a second terminal arrangement a proposal for setting up a session of utilising a recreational application and

only after the second terminal arrangement has received said proposal, using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal arrangement and the second terminal arrangement possess ~~enough~~ executable software components of said recreational application for setting up a common, shared session and for executing said recreational application ~~executable on said first and second terminals of utilising said recreational application.~~

2. (Original) A method according to claim 1, comprising the steps of:

a) transmitting from the first terminal arrangement to the second terminal arrangement a proposal identifying a number of proposed recreational applications,

b) transmitting from the second terminal arrangement to the first terminal arrangement a request for obtaining a software component necessary for setting up a common, shared session of utilising one of said proposed recreational applications and

c) as a response to receiving said request in said first terminal arrangement, transmitting said software component from the first terminal arrangement to the second terminal arrangement.

3. (Original) A method according to claim 2, comprising, between steps a) and b), the step of presenting said number of proposed recreational applications to the user of the second terminal arrangement, so that step b) is only executed as a response to receiving from said user an indication of acceptance concerning one of said number of proposed recreational applications.

4. (Original) A method according to claim 2, wherein step c) comprises the substep of transmitting said software component from the first terminal arrangement to the second terminal arrangement through a local communication link.

5. (currently amended) A method according to claim 2, wherein step c) comprises the substep of transmitting said software component from the first terminal arrangement to the second terminal arrangement through the ~~cellular radio~~wireless network system.

6. (Original) A method according to claim 2, comprising after step c) the steps of:

- d) transmitting from the second terminal arrangement to the first terminal arrangement an acknowledgement indicating the reception of said software component and
- e) after step d), indicating to the users of the first and second terminal arrangements the readiness of utilising the recreational application.

7. (Original) A method according to claim 1, comprising the steps of:

- a) transmitting from the first terminal arrangement to the second terminal arrangement a proposal identifying a number of proposed recreational applications,
- b) transmitting from the second terminal arrangement to a recreational application server a request for obtaining a software component necessary for setting up a common, shared session of utilising one of said proposed recreational applications and
- c) as a response to receiving said request in said recreational application server, transmitting said software component from said recreational application server to the second terminal arrangement.

8. (Original) A method according to claim 7, comprising between steps a) and b) the step of presenting said number of proposed

recreational applications to the user of the second terminal arrangement, so that step b) is only executed as a response to receiving from said user an indication of acceptance concerning one of said number of proposed recreational applications.

9. (original) A method according to claim 7, comprising after step c) the steps of:

- d) transmitting from the second terminal arrangement to the first terminal arrangement an acknowledgement indicating the reception of said software component and
- e) after step d), indicating to the users of the first and second terminal arrangements the readiness of utilising the recreational application.

10. (Original) A method according to claim 1, comprising the steps of:

- a) transmitting from the first terminal arrangement to the second terminal arrangement a proposal identifying a number of proposed recreational applications,
- b) transmitting from the second terminal arrangement to the first terminal arrangement a request for obtaining a software component necessary for setting up a common, shared session of utilising one of said proposed recreational applications,
- c) as a response to receiving said request in said first terminal arrangement, transmitting a network address of a

recreational application server from the first terminal arrangement to the second terminal arrangement,

d) transmitting from the second terminal arrangement to said recreational application server a request for obtaining a software component necessary for setting up a common, shared session of utilising one of said proposed recreational applications and

e) as a response to receiving said request in said recreational application server, transmitting said software component from said recreational application server to the second terminal arrangement.

11. (Original) A method according to claim 10, comprising between steps a) and b) the step of presenting said number of proposed recreational applications to the user of the second terminal arrangement, so that step b) is only executed as a response to receiving from said user an indication of acceptance concerning one of said number of proposed recreational applications.

12. (Original) A method according to claim 10, comprising after step e) the steps of:

f) transmitting from the second terminal arrangement to the first terminal arrangement an acknowledgement indicating the reception of said software component and

- g) after step f), indicating to the users of the first and second terminal arrangements the readiness of utilising the recreational application.

13. (Original) A method according to claim 1, comprising the steps of:

- a) transmitting from the first terminal arrangement to the second terminal arrangement a proposal identifying a number of proposed recreational applications,
- b) transmitting from the second terminal arrangement to the first terminal arrangement a request for obtaining a software component necessary for setting up a common, shared session of utilising one of said proposed recreational applications,
- c) as a response to receiving said request in said first terminal arrangement, transmitting from the first terminal arrangement to a recreational application server a request for downloading into the second terminal arrangement a software component necessary for setting up a common, shared session of utilising one of said proposed recreational applications and
- d) as a response to receiving said request in said recreational application server, transmitting said software component from said recreational application server to the second terminal arrangement.

14. (Original) A method according to claim 13, comprising between steps a) and b) the step of presenting said number of proposed recreational applications to the user of the second terminal arrangement, so that step b) is only executed as a response to receiving from said user an indication of acceptance concerning one of said number of proposed recreational applications.

15. (Original) A method according to claim 13, comprising after step d) the steps of:

- e) transmitting from the second terminal arrangement to the first terminal arrangement an acknowledgement indicating the reception of said software component and
- f) after step e), indicating to the users of the first and second terminal arrangements the readiness of utilising the recreational application.

16. (Original) A method according to claim 1, comprising the steps of:

- a) transmitting from the first terminal arrangement to the second terminal arrangement a proposal identifying a number of proposed recreational applications,
- b) transmitting from the second terminal arrangement to the first terminal arrangement a request for obtaining a software component necessary for setting up a common, shared session of utilising one of said proposed recreational applications,

- c) as a response to receiving said request in said first terminal arrangement, transmitting from the first terminal arrangement to a recreational application server a request for downloading into the first terminal arrangement a software component necessary for setting up a common, shared session of utilising said one of said proposed recreational applications,
- d) as a response to receiving said request in said recreational application server, transmitting said software component from said recreational application server to the first terminal arrangement and
- e) as a response to receiving said software component, transmitting from the first terminal arrangement to the second terminal arrangement a software component necessary for setting up a common, shared session of utilising said one of said proposed recreational applications.

17. (Original) A method according to claim 16, comprising between steps a) and b) the step of presenting said number of proposed recreational applications to the user of the second terminal arrangement, so that step b) is only executed as a response to receiving from said user an indication of acceptance concerning one of said number of proposed recreational applications.

18. (Original) A method according to claim 16, comprising after step e), the steps of:

- f) transmitting from the second terminal arrangement to the first terminal arrangement an acknowledgement indicating the reception of said software component and
- g) after step f), indicating to the users of the first and second terminal arrangements the readiness of utilising the recreational application.

19. (Original) A method according to claim 1, comprising the steps of:

- a) transmitting from the first terminal arrangement to the second terminal arrangement a proposal identifying a number of proposed recreational applications,
- b) transmitting from the second terminal arrangement to the first terminal arrangement a first acknowledgement indicating agreement to set up a common, shared session of utilising one of said proposed recreational applications,
- c) transmitting from the first terminal arrangement to a recreational application server a first request for obtaining a software component necessary for setting up a common, shared session of utilising said one of said proposed recreational applications,
- d) transmitting from the second terminal arrangement to a recreational application server a second request for obtaining a software component necessary for setting up a common, shared session of utilising said one of said proposed recreational applications,

- e) as a response to receiving said first request in said recreational application server, transmitting the requested software component from said recreational application server to the first terminal arrangement,
- f) as a response to receiving said second request in said recreational application server, transmitting the requested software component from said recreational application server to the second terminal arrangement and
- g) exchanging a pair of messages between the first and second terminal arrangements indicating the readiness of utilising the recreational application.

20. (original) A method according to claim 19, comprising between steps a) and b) the step of presenting said number of proposed recreational applications to the user of the second terminal arrangement, so that step b) is only executed as a response to receiving from said user an indication of acceptance concerning one of said number of proposed recreational applications.

21. (Original) A method according to claim 19, comprising after step g) the step of indicating to the users of the first and second terminal arrangements the readiness of utilising the recreational application.

22. (Original) A method according to claim 1, comprising the steps of:

- a) transmitting from the first terminal arrangement to the second terminal arrangement a proposal for setting up a common, shared session of utilising a recreational application,
- b) transmitting from the second terminal arrangement to the first terminal arrangement a proposal identifying a number of proposed recreational applications,
- c) transmitting from the first terminal arrangement to the second terminal arrangement a request for obtaining a software component necessary for setting up a common, shared session of utilising one of said proposed recreational applications and
- d) as a response to receiving said request in said second terminal arrangement, transmitting said software component from the second terminal arrangement to the first terminal arrangement.

23. (Original) A method according to claim 22, comprising between steps b) and c) the step of presenting said number of proposed recreational applications to the user of the first terminal arrangement, so that step b) is only executed as a response to receiving from said user an indication of acceptance concerning one of said number of proposed recreational applications.

24. (Original) A method according to claim 22, comprising after step d) the step of indicating to the users of the first and

second terminal arrangements the readiness of utilising the recreational application.

25. (Original) A method according to claim 1, **characterised** in that the step of using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal arrangement and the second terminal arrangement possess enough software components for setting up a common, shared session of utilising said recreational application comprises the substep of

transmitting from the first terminal arrangement (1101) to the second terminal arrangement (1102) a complete copy (1105, 1106) of those software components (1103, 1104) which the first terminal uses for setting up a common, shared session of utilising said recreational application.

26. (Original) A method according to claim 1, wherein the step of using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal arrangement and the second terminal arrangement possess enough software components for setting up a common, shared session of utilising said recreational application comprises the substep of

transmitting from the first terminal arrangement to the second terminal arrangement a limited copy of those software components which the first terminal uses for setting up a common, shared session of utilising said recreational application, said limited copy being only usable for setting

up a common, shared session of utilising said recreational application together with the particular first terminal arrangement in question.

27. (Original) A method according to claim 1, wherein the step of using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal arrangement and the second terminal arrangement possess enough software components for setting up a common, shared session of utilising said recreational application comprises the substep of:

transmitting from the first terminal arrangement to the second terminal arrangement a more advanced copy of those software components which the first terminal uses for setting up a common, shared session of utilising said recreational application.

28. (Original) A method according to claim 1, wherein the step of using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal arrangement and the second terminal arrangement possess enough software components for setting up a common, shared session of utilising said recreational application comprises the substeps of:

transmitting from the first terminal arrangement to the second terminal arrangement an authenticated offer for setting up a common, shared session of utilising said recreational application,

forwarding said authenticated offer from the second terminal arrangement to a recreational application server, and

transmitting from said recreational application server to the second terminal arrangement a limited copy of software components needed for setting up a common, shared session of utilising said recreational application, said limited copy being only usable for setting up a common, shared session of utilising said recreational application together with the particular first terminal arrangement in question.

29. (Original) A method according to claim 28, comprising the step of imposing a charge to the user of the first terminal arrangement for setting up a common, shared session of utilising said recreational application together with the particular second terminal arrangement in question.

30. (Original) A method according to claim 1, wherein the step of using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal arrangement and the second terminal arrangement possess enough software components for setting up a common, shared session of utilising said recreational application comprises the substeps of:

transmitting from the second terminal arrangement to the first terminal arrangement an authenticated offer for setting up a common, shared session of utilising said recreational application,

forwarding said authenticated offer from the first terminal arrangement to a recreational application server, and

transmitting from said recreational application server to the second terminal arrangement a copy of software components needed for setting up a common, shared session of utilising said recreational application.

31. (Original) A method according to claim 30, comprising the step of imposing a charge to the user of the second terminal arrangement for setting up a common, shared session of utilising said recreational application together with the particular first terminal arrangement in question.

32. (Original) A method according to claim 1, wherein the step of using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal arrangement and the second terminal arrangement possess enough software components for setting up a common, shared session of utilising said recreational application comprises the substeps of:

transmitting from the second terminal arrangement to the first terminal arrangement an authenticated offer for setting up a common, shared session of utilising said recreational application,

forwarding said authenticated offer from the first terminal arrangement to a recreational application server together with another authenticated offer from the first terminal

arrangement for setting up a common, shared session of utilising said recreational application, and

transmitting from said recreational application server to the terminal arrangements copies of software components needed for setting up a common, shared session of utilising said recreational application.

33. (Original) A method according to claim 32, comprising the step of imposing charges both to the user of the second terminal arrangement for setting up a common, shared session of utilising said recreational application together with the particular first terminal arrangement in question and to the user of the first terminal arrangement for setting up a common, shared session of utilising said recreational application together with the particular second terminal arrangement in question.

34. (Original) A method according to claim 1, wherein the step of using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal arrangement and the second terminal arrangement possess enough software components for setting up a common, shared session of utilising said recreational application comprises the substeps of:

exchanging information between the first and second terminal arrangements through a short-distance communications connection during said common, shared session of utilising said recreational application, and

after the exchanging of information between the first and second terminal arrangements through said short-distance communications connection becomes impossible, deeming the common, shared session of utilising said recreational application to be ended.

35. (Original) A method according to claim 34, additionally comprising the substep of refraining from other exchange of information between the first and second terminal arrangements through said short-distance communications connection during said common, shared session than such information that is needed to ensure that the short-distance communications connection is still active.

36. (Original) A terminal arrangement comprising a terminal of a ~~cellular-radiowireless network~~ wireless network system, comprising

means for exchanging proposals for setting up sessions of utilising a recreational application with other terminal arrangements and

means for responding to a situation where such proposals have been exchanged by using its communicational capabilities to establish a state where both ~~it~~ the terminal arrangement and another terminal arrangement possess enough executable software components of said recreational application for setting up a common, shared session of utilising said recreational application.

37. (new) A method for distributing a recreational application within a group of terminal arrangements, where the group comprises at least two terminal arrangements and each terminal arrangement comprises a terminal of a wireless network system, the method comprising:

- transmitting from a first terminal arrangement to a second terminal arrangement a proposal for setting up a session of utilising a recreational application and
- only after the second terminal arrangement has received said proposal, using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal arrangement and the second terminal arrangement possess enough software components to, upon the receipt of an enabling token, to execute software of said recreational application, said software being available for execution at the first terminal arrangement and the second terminal arrangement, for setting up a common, shared session utilising said recreational application.

38. (new) A terminal arrangement comprising a terminal of a wireless network_system, comprising:

- means for exchanging proposals for setting up sessions of utilising a recreational application with other terminal arrangements and
- means for responding to a situation where such proposals have been exchanged by using its communicational capabilities to establish a state where both it and another terminal arrangement

possess enough resident software components of said recreational application for execution at the terminal arrangement and another terminal arrangement, upon the receipt of an enablement token, for setting up a common, shared session and executing said recreational application.

39.(new) A terminal system comprising a first terminal arrangement and a second terminal arrangement, comprising

- in each of said first and second terminal arrangements means for exchanging proposals for setting up sessions of utilising a recreational application with other terminal arrangements and
- in each of said first and second terminal arrangements means for responding to a situation where such proposals have been exchanged by using communicational capabilities of the first and second terminal arrangements to establish a state where both of said first and second terminal arrangements possess enough resident executable software components of said recreational application for setting up a common, shared session for executing said recreational application on said first and second terminal arrangements.

40. (new) A terminal system comprising a first terminal arrangement and a second terminal arrangement, comprising

- in each of said first and second terminal arrangements means for exchanging proposals for setting up sessions of utilising a recreational application with other terminal arrangements and
- in each of said first and second terminal arrangements means for responding to a situation where such proposals have been exchanged by using communicational

capabilities of the first and second terminal arrangements to establish a state where both of said first and second terminal arrangements possess enough software components to enable resident executable software of said recreational application for setting up a common, shared session for executing said recreational application on said first and second terminal arrangements.

41. (new) A communications system for distributing a recreational application within a group of terminal arrangements, comprising:

- a first terminal arrangement, a second terminal arrangement and a recreational application server,
- in each of said first and second terminal arrangements means for exchanging proposals for setting up sessions of utilising a recreational application with other terminal arrangements and
- in each of said first and second terminal arrangements and said recreational application server means for responding to a situation where such proposals have been exchanged by using communicational capabilities of the first and second terminal arrangements and said recreational application server to establish a state where both of said first and second terminal arrangements possess resident executable software components of said recreational application for setting up a common, shared session for executing said recreational application on said first and second terminal arrangements.

42. (new) A communications system for distributing a recreational application within a group of terminal arrangements, comprising:

- a first terminal arrangement, a second terminal arrangement and a recreational application server,
- in each of said first and second terminal arrangements means for exchanging proposals for setting up sessions of utilising a recreational application with other terminal arrangements and
- in each of said first and second terminal arrangements and said recreational application server means for responding to a situation where such proposals have been exchanged by using communicational capabilities of the first and second terminal arrangements and said recreational application server to establish a state where both of said first and second terminal arrangements possess resident software components of said recreational application for setting up a common, shared session for executing said recreational application on said first and second terminal arrangements.

43. (new) A computer program product for causing a computer of a terminal of a wireless network system to:

- transmit from a first terminal arrangement to a second terminal arrangement a proposal for setting up a session of utilising a recreational application and
- only after the second terminal arrangement has received said proposal, using communicational capabilities of the first terminal arrangement to establish a state where both the first terminal

arrangement and the second terminal arrangement possess resident executable software components of said recreational application for setting up a common, shared session for executing said recreational application on said first and second terminal arrangements.

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44. (new) A computer program product which, upon execution in a computer of a terminal of a wireless network system, produces

- transmitting from a first terminal arrangement to a second terminal arrangement a proposal for setting up a session of utilising a recreational application and
- only after the second terminal arrangement has received said proposal, using communicational capabilities of the first terminal arrangement to establish a state where both the first terminal arrangement and the second terminal arrangement possess resident software components of said recreational application for setting up a common, shared session for executing said recreational application on said first and second terminal arrangements.

III. REMARKS

Status of the Claims

Claims 1, 5, and 36 are amended and new claims 37-44 are added. Claims 1-44 are presented for further consideration.

Summary of the Office Action

Claims 1-36 stand rejected under 35USC102(e) on the basis of the cited reference Hansted, U.S. Publication No. 2002/0006826. The Examiner is respectfully requested to reconsider his rejection in view of the above amendments and the following remarks.

The Invention

Independent claim 1 is amended to defines a method for distributing and executing recreational applications on at least two terminals of a cellular radio network. In this method or system, after a proposal for participation is made and established, the required software package is obtained for execution on one or more of the terminals. The reference Hansted does not operate in this fashion, as there is no provision for downloading software to a terminal and the recreational application is executed on a database server.

Discussion of the Cited Reference

The Examiner continues to cite the reference Hansted in support of the rejection based on anticipation. In Hansted, the recreational application is executed in a remote server, and the mobile terminals only act as input/output devices that handle non-executable data: based on how the user interacted with the user interface of the mobile terminal the latter sends an input to the server, which takes it into account in the execution of

Hansted's recreational application. When the execution of Hansted's recreational application produces a piece of output, this is conveyed to the mobile terminal which presents it to the user. The processing and execution of the recreational application occurs at the server. There is no mention of downloading recreational applications to the portable communication unit.

The Examiner has cited in his response to Applicant's arguments the steps in Hansted stated in paragraph's 0123-0133. These steps relate to log on procedures and processing, not the actual execution of the selected recreational application. The independent claims of this application, as amended, clearly indicate that the recreational application is executed at the terminal. The cited material does not support the Examiner's position.

Throughout the reference Hansted, there is described instances where the central data processing unit sends game information (#0041), this includes: next event data (#0042), advertisements (#0043), statistics (#0044), starting point (#0052), other players (#0053), user name and password (#0071), session identifiers (#0079, and other information. There is no mention of the transmission of software components. This is because the recreational application is executable on the central data processing unit.

The reference Hansted therefore, is missing the primary elements of claim 1 of the subject application, namely, means to set up the communication units for executing the recreational application.

The Examiner is reminded that the anticipation analysis requires a positive answer to the question of whether the system of Hansted would infringe the claims of this application if it were later.

The independent claims of this application are directed to a method, apparatus, software, or system for distributing a recreational application having the following feature:

"only after the second terminal arrangement has received said proposal, using the communicational capabilities of at least one of the first and second terminal arrangements to establish a state where both the first terminal arrangement and the second terminal arrangement possess executable software components of said recreational application for setting up a common, shared session and for executing said recreational application on said first and second terminals."

Since this capability is not present in the system of the reference Hansted, there can be no infringement of the subject claims. Therefore the disclosure of Hansted does not support the rejection based on anticipation with respect to any of the claims.

The examiner has rejected claims 34 and 35 in a group with claim 27. In doing this the Examiner ignores the fact that claim 34 introduces the concept of a short-distance communications connection between the two terminal arrangements, which is something Hansted does not disclose. In Hansted's arrangement each "portable communication unit" only communicates with the "central data processing unit", and from the context it is clear that this connection can not be characterised as being a short-distance communications connection, even less a short-distance communications connection between to terminal arrangements. If the mobile devices of Hansted were somehow connected directly through a short-distance communication connection, they would

have no access to the recreational application.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

A check for \$2,710.00 is enclosed for the additional claim fees and a one-month extension of time (8 extra (\$400)), 7 independent (\$1400)).

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,


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